FORM !	PTO-139	90 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE	ATTORNEY'S DOCKET NUMBER								
(REV. o		NSMITTAL LETTER TO THE UNITED STATES	66307-322-7								
	DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, are \$2 CIR 1.5)										
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371											
INTE	RNATI	IONAL APPLICATION NO. INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED								
/) druge e		PCT/GB03/01678 24 April 2003	25 April 2002								
TITLE OF INVENTION IMPROVEMENTS IN SUBSTRATES											
APPLICANT(S) FOR DO/EO/US											
SNELLING, James, Peter; ISHERWOOD, Roland; and BROWN, Alan											
Appli	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:										
1.	\boxtimes	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.									
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.									
3.	\boxtimes	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.									
4.		The US has been elected (Article 31).									
5.	\boxtimes	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))									
l		a. is attached hereto (required only if not communicated by the Internat	ional Bureau).								
l		b. 🛮 has been communicated by the International Bureau.	· J								
l		c. is not required, as the application was filed in the United States Receiving Office (RO/US).									
6.		An English language translation of the International Application as filed (35 U.	.S.C. 371(c)(2)).								
l		a. is attached hereto.									
l		b. has been previously submitted under 35 U.S.C. 154(d)(4).									
7.	\boxtimes	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))									
		a. \square are attached hereto (required only if not communicated by the International Bureau).									
		b. 🖾 have been communicated by the International Bureau.									
		c. \square have not been made; however, the time limit for making such amendments has NOT expired.									
	_	d. have not been made and will not be made.									
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).									
9. 10	×	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).									
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).									
11.	\boxtimes	A copy of the International Preliminary Examination Report (PCT/IPEA/409).									
12.	\boxtimes	A copy of the International Search Report (PCT/ISA/210).	.=								
It	ems 1	13 to 23 below concern document(s) or information included:									
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
14.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.									
15.	\boxtimes	A FIRST preliminary amendment.									
16.		A SECOND or SUBSEQUENT preliminary amendment.									
17.		A substitute specification.									
18.		A power of attorney and/or change of address letter.									
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.									
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).									
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).									
22. 23.	⋈	Express Mail Label No. Other items or information:									
23.											
		Copy of WO 03/091952 A2 dated 6 November 2003; and Application Data Sheet									

DT01 Rec'd PCT/PT0 1 8 OCT 2004

Independent claims 2 - 3 = 0 x \$88.00 \$0.00 Multiple Dependent Claims (check if applicable).	U.S. APPLICATION	1 0 5 1 1 7 2 1		ATTORNEY'S DOCKET NUMBER 66307-322-7						
BASIC RATIONAL FEE (37 CFR I.492(0)I)—(5): Neither international search fee (37 CFR I.492) paid to USPTO and international Search Report prepared by the EPO or JPO	24. ي The fol	lowing fees are submitted:.				CALCULATION	S PTO USE ONLY			
international search fee (37 CFR 1.454(a)(2)) paid to USFTO and International Search Report not prepared by the EPO of JPO	•	L FEE (37 CFR 1.492(a)(1)-(5))	ľ							
Section Description Performancy examination fee (27 CFR 1.482) not paid to USPTO S950.00 USP	international	l search fee (37 CFR 1.445(a)(2))	10.00							
International preliminary examination fee (37 CFR 1.432) not paid to USPTO	: ⊠ Internationa	l preliminary examination fee (37								
but all claims did not satisfy provisions of PCT Article 33(1)-(4)	□ Internationa	l preliminary examination fee (37								
and all claims satisfied provisions of PCT Article 33(1)-(4)	☐ Internationa but all claim	I preliminary examination fee (37 is did not satisfy provisions of PC	50.00							
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total claims 32 - 20 = 12 x \$18.00 \$216.00 Independent claims 2 - 3 = 0 x \$88.00 \$0.00 Multiple Dependent Claims (check if applicable)	☐ Internationa and all claim	I preliminary examination fee (37 ns satisfied provisions of PCT Art	00.00							
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